APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/723,712	11/26/2003	Govind A. Kothandapani	60046.0063US01	5857

53377 7590 07/15/2009	EXAMINER
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
Office Action Summary	10/723,712	KOTHANDAPANI ET AL.
	Examiner	Art Unit	
	TED T. VO	2191	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on <u>23 March 2009</u>.

2a) ☒ This action is FINAL.   2b) ☐ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) <u>1-8,11,12,17,31-39,42 and 50-57</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☒ Claim(s) <u>1-8, 11-12, 17, 50-57</u> is/are allowed.

6) ☒ Claim(s) <u>31-39 and 42</u> is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All b) ☐ Some * c) ☐ None of:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____.

      3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date <u>01/27/09</u>.

4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

DETAILED ACTION

1.   This action is in response to the amendment filed on 03/23/2009.

        Claims 1-8, 11-12, 17, 31-39, 42, 50-57 are pending in the application.

Information Disclosure Statement

2.   The information disclosure statement cited as an internal office communication filed on

01/27/09 will be considered by Examiner, but cannot be initialed by the examiner. To comply

with the provisions of 37 CFR 1.97, 1.98 and MPEP § 609, Applicant requires citing either a US

patent, a US publication patent application, or an application with serial, and placed in correct

column of the form PTO 1449. The internal communication in the IDS is considered but not

initialed for patent printing purpose.

Response to Arguments

3.   This is in response to the argument remarks filed on 03/23/2009. In regards to the

argument to the claims 31-39, 42, the arguments are generic. The claimed recitation is merely

description of a configuration features that can be done or read on the configuration for

management discussed in the RadiSys. It should be noted that RadiSys1 and RadiSys2 are the

documentations of RadiSys in which it discusses various aspects in monitoring inside of a

computer, like the current specification. With the RadiSys1, it discloses a software application

which is developed for configuring and monitoring a BMC and plurality of components

connected to the BMC via a system bus like the FIG. 1 of the current specification. With

RadiSys2, it shows various RadiSys commands (IPMI commands) implemented by software for

interfacing the BMC and components' operations using IPMB addresses. Their configuring and

monitoring have connectivity with modules that are managed via a management application for

identifying and discovering events occurring inside a computer system.

Claim Rejections - 35 USC § 102

4.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5.   Claims 31-39, 42 are rejected under 35 U.S.C. 102(b) as being anticipated by RadiSys,

"Platform Management", as CP80 Platform Management Overview (hereinafter: RadiSys1), and

Universal Developer's Guide (hereinafter: RadiSys2)", 2000.

    Given the broadest reasonable interpretation of followed claims in light of the specification.

As per claim 31: RadiSys discloses

*A system for configuring a management module for use in monitoring operations associated with
a computer system, the system comprising:
a processor; a memory operatively coupled to the processor;*

a configuration module (See Radisys1, Figure 1, each component is associated with a module used as for
configured and having connectivity with management of Figure 2. RadiSys2: e.g. Watchdog Configuration, sensor
configuration) **which executes in the processor from the memory and which,
when executed by the processor, causes the computer to:**

**discover previously undiscovered components that are communicatively
accessible to the management module by way of a communication medium of the computer
system prior to the management module being configured to monitor the components
communicatively connected to the management module and analyze, based on the monitored
components, whether an event has occurred in the computer system,**

(RadiSys1 See using software (Figure 2, p. 8) to interface to Alarm Module, where Alarm Module interfaces to
IPMB/IPMI Device Driver (Figure 1, p. 3))

**identify the discovered components by comparing the detected components with a
plurality of description files each describing a component which may be communicatively
connected to the management module, wherein each of the components detected and identified
corresponds to one of the plurality of description files,**

(RadiSys1: Figure 1, p. 3 (e.g. alarm, fan, where each component is associated with a module))

**incorporate the description files corresponding to each of the detected and
identified components into a configuration file** (RadiSys1: Figure 1)**, and**

**load the configuration file into the management module to provide the
management module with an ability to receive operational information from the detected and
identified components and analyze, based on the received operational information, whether an
event has occurred in the computer system, wherein the operational information relates to
operations associated with the computer system** (RadiSys1: Figure 2, and associated texts).

<u>As per claim 32</u>: RadiSys discloses A system as defined in claim 31, wherein the management
module sends commands to and receives operational information from each accessible
component by way of an associated slave address on the communication medium, wherein each
slave address associated with an accessible component is an active slave address in a set of
possible slave addresses on the communication medium. (RadiSys1: Figure 2, p. 8; also shown in
RadiSys2, as IPMP slave addresses queried by RadiSys OEM IPMI Commands (e.g. RadiSys2: p.9)

<u>As per claim 33</u>: RadiSys discloses A system as defined in claim 32, wherein the configuration
module which, when executed by the processor, further causes the computer to ping each of the

possible slave addresses with a discovery request and subsequently thereafter receive an acknowledgement response from each of the components accessible on the active slave addresses, wherein the acknowledgement responses represent detection of the components.

(RadiSys2: See the communication diagram between System Management Software and the devices using communication of IPMB slave address, details are in the tables)

As per claim 34: RadiSys discloses A system as defined in claim 33, wherein the configuration module which, when executed by the processor, further causes the computer to issue identification requests to the detected components on each of the active slave addresses, the identification requests commanding each of the detected components to respond with identification information associated therewith.

(RadiSys2: See the communication diagram between System Management Software and the devices using communication of IPMB slave address, details are in the tables)

As per claim 35: RadiSys discloses A system as defined in claim 34, wherein the identification requests
comprise a standard request operable for commanding all components which may be communicatively connected to the management module to respond with identification information (see RadiSys1: Figures 1, and 2, and RadiSys2: See the communication diagram between System Management Software and the devices using communication of IPMB slave address, details are in the tables)

As per claim 36: RadiSys discloses A system as defined in claim 34, wherein each of the plurality of description files comprises an identification routine executable by the management module to create and transmit the identification request to components communicatively accessible on slave addresses, wherein the identification request commands the component corresponding to the description file to respond with a specific acknowledgement response that the component is communicatively accessible on the active slave address on which the identification request was transmitted.

(See RadiSys1, Figure 1. RadiSys2: See the communication diagram between System Management Software and the devices using communication of IPMB slave address, details are in the tables)

As per claim 37: RadiSys discloses A system as defined in claim 36, wherein the configuration module which, when executed by the processor, further causes the computer to execute the identification routine of one of the plurality of description files to effectuate transmission of the identification request on a particular active slave address and subsequently thereafter await reception of the specific acknowledgement response requested by the identification request.

(RadiSys2: See the communication diagram between System Management Software and the devices using communication of IPMB slave address, details are in the tables)

As per claim 38: RadiSys discloses A system as defined in claim 37, wherein the configuration module which, when executed by the processor, further causes the computer to identify the component detected on the particular active slave address as the component corresponding to the executed description file if the specific acknowledgement response is received within a predetermined period in time and link the executed description file to the particular slave address in the configuration file.

(RadiSys2: See the communication diagram between System Management Software and the devices using communication of IPMB slave address, details are in the tables)

As per claim 39: RadiSys discloses A system as defined in claim 38, wherein the configuration module which, when executed by the processor, further causes the computer to execute the identification routine of the description file on at least one other active slave address if the specific acknowledgement response is not received from the particular active slave address within a predetermined period in time.

(RadiSys2: See the communication diagram between System Management Software and the devices using communication of IPMB slave address, details are in the tables)

As per claim 42: RadiSys discloses A system as defined in claim 31, wherein the management module is a baseboard management controller implemented on a baseboard of the computer system. (See RadiSys1, Figure 1. and Figure 2, refer to BMC)

Allowable Subject Matter

6.   Claims 1-8, 11-12, 17, 50-57are allowed.

Conclusion

7.   **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

MONTHS of the mailing date of this final action and the advisory action is not mailed until after

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the mailing

date of this final action.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Ted T. Vo whose telephone number is (571) 272-3706. The

examiner can normally be reached on 8:00AM to 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Wei Y. Zhen can be reached on (571) 272-3708.

The facsimile number for the organization where this application or proceeding is assigned is the

Central Facsimile number 571-273-8300.

Any inquiry of a general nature or relating to the status of this application should be

directed to the TC 2100 Group receptionist: 571-272-2100. Information regarding the status of

an application may be obtained from the Patent Application Information Retrieval (PAIR)

system. Status information for published applications may be obtained from either Private PAIR

or Public PAIR. Status information for unpublished applications is available through Private

PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov.

Should you have questions on access to the Private PAIR system, contact the Electronic Business

Center (EBC) at 866-217-9197 (toll-free).

TTV
July 10, 2009

/Ted T. Vo/
Primary Examiner, Art Unit 2191